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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,667	10/27/2003	Naoto Moriyama	KOY-0017	4232

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EXAMINER

SONG, HOON K

ART UNIT	PAPER NUMBER
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2882

DATE MAILED: 09/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/694,667

Applicant(s)

MORIYAMA, NAOTO

Examiner

Hoon Song

Art Unit

2882

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7, 10-16, 18-20, 22 and 23 is/are rejected.
- 7) ☒ Claim(s) 8, 9, 17, 21 and 24 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 5/3/2004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Objections

Claim 22 is objected to because of the following informalities:

In claim 22 at line 1, "A program to make a computer" should read --A computer readable storage medium having a computer program stored thereon and representing a set of instructions that when executed by a computer causes a computer to:--.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-7, 10-16, 18-20 and 22-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Taylor et al. (US 6614873B1) in view of Frelburger et al. (US 6475146B1).

Regarding claims 1, 12, 18 and 22, Taylor teaches a medical image radiographing system or a method comprising:

a medical image radiographing apparatus to perform radiographing of a medical image by irradiating with radiations,

the medical image radiographing apparatus comprising:

an irradiation section to irradiate a subject with the radiations;

an obtaining section to obtain a radiographing instruction by a radiographer; and

a radiographing operation control section to control the irradiation section to perform a radiographing operation according to the radiographing instruction obtained by the obtaining section.

Taylor fails to teach the obtaining section obtains an identification information of a radiographer, when the radiographer is authenticated according to the identification information of the radiographer obtained by the obtaining section.

Frelburger teaches an obtaining section (computer) for obtaining an identification information of a user, when the user is authenticated according to the identification information of the user obtained by the obtaining section (column 12 line 27).

It would have been obvious to one of ordinary skill in the art at the time of the invention to provide the imaging system of Taylor with the authenticating means as taught by Frelburger, since it would improve the security of the imaging system.

Furthermore, Taylor teaches the obtaining section is a computer and the computer has windows operation system.

It is known that windows operation system has user authenticating system such as input window for user ID and password.

It would have been obvious to one of ordinary skill in the art at the time of the invention to enable the authenticate system on the window operating system of Taylor such that it would improve the security of the imaging system by preventing an unauthorized user to access the imaging system.

Regarding claims 2 and 13-15, Taylor as modified by Frelburger teaches the obtaining section obtains the identification information of the radiographer and the

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radiographing instruction by inputting the identification information of the radiographer and the radiographing instruction (figure 2).

Regarding claims 3 and 19, Taylor teaches a medical image terminal, the medical image terminal comprising:

an input section to input the identification information of the radiographer; and
a transmission section to transmit the identification information of the radiographer inputted by the input section,

wherein the obtaining section obtains the identification information of the radiographer by receiving the identification information transmitted by the transmission section and obtains the radiographing instruction by inputting the radiographing instruction (figure 2).

Regarding claim 4, Taylor teaches a medical image terminal, the medical image terminal comprising:

an input section to input the identification information of the radiographer and the radiographing instruction; and

a transmission section to transmit the identification information of the radiographer and the radiographing instruction inputted by the input section,

wherein the obtaining section obtains the identification information of the radiographer and the radiographing instruction by receiving the identification information and the radiographing instruction transmitted by the transmission section (figure 2).

Regarding claims 5, 16 and 20, Taylor teaches the obtaining section of the medical image radiographing apparatus obtains a radiographing condition, and the radiographing operation control section controls the irradiation section to perform the radiographing operation according to the radiographing condition and the radiographing instruction obtained by the obtaining section (figure 2).

Regarding claim 6, Taylor teaches the input section of the medical image terminal inputs a radiographing condition,

The transmitting section of the medical image terminal transmits the radiographing condition,

The obtaining section of the medical image radiographing apparatus obtains the radiographing condition by receiving the radiographing condition from the transmitting section, and

The radiographing operation control section of the medical image radiographing apparatus controls the irradiation section to perform the radiographing operation according to the radiographing condition obtained by the obtaining section and the obtained radiographing instruction (figure 2).

Regarding claim 7 and 23, Taylor teaches the transmitting section of the medical image terminal transmits the radiographing condition,

the obtaining section of the medical image radiographing apparatus obtains the radiographing condition by receiving the radiographing condition from the transmitting section, and

the radiographing operation control section of the medical image radiographing apparatus controls the irradiation section to perform the radiographing operation according to the radiographing condition obtained by the obtaining section and the obtained radiographing instruction (figure 2).

Regarding claim 10, Taylor teaches the medical image terminal is a portable terminal (Frelburger, PDA 140).

Regarding claim 11, Frelburger teaches an authentication section to perform authentication of the radiographer according to the identification information of the radiographer obtained by the obtaining section (column 12 line 27).

Allowable Subject Matter

Claims 8-9, 17, 21 and 24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 8-9, 17, 21 and 24, Taylor as modified by Frelburger fails to teach a storage to store radiographing history information including the radiographing condition of the radiographing operation while setting the correspondence of the radiographing history information to the identification information of the radiographer when the radiographing operation is performed under control of control section as claimed in claim 8-9, 17, 21 and 24.

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoon Song whose telephone number is (571) 272-2494. The examiner can normally be reached on 8:30 AM - 5 PM, Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Glick can be reached on (571) 272 - 2490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HKS

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HKS



DAVID V. BRUCE
PRIMARY EXAMINER